

WHAT IS CLAIMED IS:

1. A projection display device controllable by a remote controller, the projection display device including a light source, optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a power supply switch restricting system for restricting a function of the power supply switch portion of the remote controller which causes a power supply to be turned on/off.

2. The projection display device according to claim 1, the optical image forming means being light valves.

3. The projection display device according to claim 1, the optical image forming means being reflective light valves.

4. The projection display device according to claim 1, the optical image forming means being a digital micromirror device.

5. The projection display device according to Claim 1, further comprising a setting screen displaying system for displaying a setting screen used for setting the projection display device,

switching between restricting states of the power supply switch restricting system being performable by selecting from a setting menu on the setting screen.

6. The projection display device according to Claim 1, further comprising a switch specifically designed for switching between restricting states of the power supply switch restricting system.

7. A projection display device controllable by a remote controller, the projection display device including a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens;

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a focusing adjusting portion for performing focusing adjustments on the projection lens; and

a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or for restricting a function of the focusing adjusting portion.

8. The projection display device according to claim 7, the optical image forming means being light valves.

9. The projection display device according to claim 7, the optical image forming means being reflective light valves.

10. The projection display device according to claim 7, the optical image forming means being a digital micromirror device.

11. The projection display device according to Claim 7, further comprising a setting screen displaying system for displaying a setting screen used for setting the projection display device,

switching between restricting states of the zooming/focusing adjusting function restricting system being performable by selecting from a setting menu on the setting screen.

12. The projection display device according to Claim 7, further comprising a body side zooming adjusting portion and a body side focusing adjusting portion;

switching between restricting states of the zooming/focusing adjusting function restricting system being performable by operating the body side zooming adjusting portion or the body side focusing adjusting portion and another adjusting portion at the same time.

13. The projection display device according to Claim 7, further comprising a switch specifically designed for switching between restricting states of the zooming/focusing adjusting function restricting system.

14. A projection display device controllable by a remote controller, the projection display device including a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

an image adjusting function restricting system for restricting a function of the image adjusting portion of the remote controller for adjusting the optical image.



15. The projection display device according to claim 14, the optical image forming means being light valves.

16. The projection display device according to claim 14, the optical image forming means being reflective light valves.

17. The projection display device according to claim 14, the optical image forming means being a digital micromirror device.

18. The projection display device according to Claim 14, further comprising a setting screen displaying system for displaying a setting screen used for setting the projection display device,

switching between restricting states of the image adjusting function restricting system being performable by selecting from a setting menu on the setting screen.

19. The projection display device according to Claim 14, further comprising a switch specifically designed for switching between restricting states of the image adjusting function restricting system.

20. A remote controller for controlling a body of a projection display device, the projection display device including a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a power supply switch portion for turning on/off a power supply of the projection display device; and

a power supply switch restricting system for restricting a function of the power supply switch portion.

21. The remote controller according to claim 20, the optical image forming means being light valves.

22. The remote controller according to claim 20, the optical image forming means being reflective light valves.

23. The remote controller according to claim 20, the optical image forming means being a digital micromirror device.

24. The remote controller according to Claim 20, the body of the projection display device comprising a setting screen displaying system for displaying a setting screen used for setting the body of the projection display device and,

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switching between restricting states of the power supply switch restricting system being performable by selecting from a setting menu on the setting screen.

25. The remote controller according to Claim 20, further comprising a switch specifically designed for switching between restricting states of the power supply switch restricting system.

26. A remote controller for controlling a body of a projection display device, the projection display device including a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens, a focusing adjusting portion for performing focusing adjustments on the projection lens, and a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or a function of the focusing adjusting portion.

27. The remote controller according to claim 26, the optical image forming means being light valves.

28. The remote controller according to claim 26, the optical image forming means being reflective light valves.

29. The remote controller according to claim 26, the optical image forming means being a digital micromirror device.

30. The remote controller according to Claim 26, the body of the projection display device comprising a setting screen displaying system for displaying a setting screen used for setting the projection display device, and

switching between restricting states of the zooming/focusing adjusting function restricting system being performable by selecting from a setting menu on the setting screen.

31. The remote controller according to Claim 26, switching between restricting states of the zooming/focusing adjusting function restricting system being performable by operating the zooming adjusting portion or the focusing adjusting portion and another adjusting portion at the same time.



32. The remote controller according to Claim 26, further comprising a switch specifically designed for switching between restricting states of the zooming/focusing adjusting function restricting system.

33. A remote controller for controlling a body of a projection display device, the projection display device including a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

an image adjusting portion for adjusting the optical image; and

an image adjusting function restricting system for restricting a function of the image adjusting portion.

34. The remote controller according to claim 33, the optical image forming means being light valves.

35. The remote controller according to claim 33, the optical image forming means being reflective light valves.

36. The remote controller according to claim 33, the optical image forming means being a digital micromirror device.

37. The remote controller according to Claim 33, the body of the projection display device comprising a setting screen displaying system for displaying a setting screen used for setting the projection display device, and

switching between restricting states of the image adjusting function restricting system being performable by selecting from a setting menu on the setting screen.

38. The remote controller according to Claim 33, further comprising a switch specifically designed for switching between restricting states of the image adjusting function restricting system.

39. A remote controller for controlling a body of a projection display device, the projection display device comprising a light source, an optical image forming means for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the body of the projection display device comprising:



a body side power supply switch portion for turning on/off a power supply of the body of the projection display device;

a body side zooming adjusting portion for performing zooming adjustments on the projection lens;

a body side focusing adjusting portion for performing focusing adjustments on the projection lens; and

a body side image adjusting portion for adjusting the optical image, the remote controller comprising a body side adjusting function restricting system for restricting the adjusting function of at least one of the body side power supply switch portion, the body side zooming adjusting portion, the body side focusing adjusting portion, and the body side image adjusting portion.

40. The remote controller according to claim 39, the optical image forming means being light valves.

41. The remote controller according to claim 39, the optical image forming means being reflective light valves.

42. The remote controller according to claim 39, the optical image forming means being a digital micromirror device.

43. The remote controller according to Claim 39, the body of the projection display device comprising a setting screen displaying system for displaying a setting screen used for setting of the projection display device, and

switching between restricting states of the body side adjusting function restricting system being performable by selecting from a setting menu on the setting screen.

44. The remote controller according to Claim 39, further comprising a switch specifically designed for switching between restricting states of the body side adjusting function restricting system.

45. A projection display device controllable by a remote controller, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a power supply switch restricting system for restricting a function of the power supply switch portion of the remote controller which causes a power supply to be turned on/off.



46. A projection display device controllable by a remote controller, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens;

a focusing adjusting portion for performing focusing adjustments on the projection lens; and

a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or for restricting a function of the focusing adjusting portion.

47. A projection display device controllable by a remote controller, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

an image adjusting function restricting system for restricting a function of the image adjusting portion of the remote controller for adjusting the optical image.

48. A remote controller for controlling a body of a projection display device, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a power supply switch portion for turning on/off a power supply of the projection display device; and

a power supply switch restricting system for restricting a function of the power supply switch portion.

49. A remote controller for controlling a body of a projection display device, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:



a zooming adjusting portion for performing zooming adjustments on the projection lens, a focusing adjusting portion for performing focusing adjustments on the projection lens, and a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or a function of the focusing adjusting portion.

50. A remote controller for controlling a body of a projection display device, the projection display device including a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

an image adjusting portion for adjusting the optical image; and

an image adjusting function restricting system for restricting a function of the image adjusting portion.

51. A remote controller for controlling a body of a projection display device, the projection display device comprising a light source, light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the body of the projection display device comprising:

a body side power supply switch portion for turning on/off a power supply of the body of the projection display device;

a body side zooming adjusting portion for performing zooming adjustments on the projection lens;

a body side focusing adjusting portion for performing focusing adjustments on the projection lens; and

a body side image adjusting portion for adjusting the optical image, the remote controller comprising a body side adjusting function restricting system for restricting the adjusting function of at least one of the body side power supply switch portion, the body side zooming adjusting portion, the body side focusing adjusting portion, and the body side image adjusting portion.

52. A projection display device controllable by a remote controller, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for



projecting the optical image in enlarged form, the projection display device comprising:

a power supply switch restricting system for restricting a function of the power supply switch portion of the remote controller which causes a power supply to be turned on/off.

53. A projection display device controllable by a remote controller, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens;

a focusing adjusting portion for performing focusing adjustments on the projection lens; and

a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or for restricting a function of the focusing adjusting portion.

54. A projection display device controllable by a remote controller, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

an image adjusting function restricting system for restricting a function of the image adjusting portion of the remote controller for adjusting the optical image.

55. A remote controller for controlling a body of a projection display device, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a power supply switch portion for turning on/off a power supply of the projection display device; and



a power supply switch restricting system for restricting a function of the power supply switch portion.

56. A remote controller for controlling a body of a projection display device, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens, a focusing adjusting portion for performing focusing adjustments on the projection lens, and a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or a function of the focusing adjusting portion.

57. A remote controller for controlling a body of a projection display device, the projection display device including a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

an image adjusting portion for adjusting the optical image; and  
an image adjusting function restricting system for restricting a function of the image adjusting portion.

58. A remote controller for controlling a body of a projection display device, the projection display device comprising a light source, reflective light valves for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the body of the projection display device comprising:

a body side power supply switch portion for turning on/off a power supply of the body of the projection display device;

a body side zooming adjusting portion for performing zooming adjustments on the projection lens;

a body side focusing adjusting portion for performing focusing adjustments on the projection lens; and

a body side image adjusting portion for adjusting the optical image,



the remote controller comprising a body side adjusting function restricting system for restricting the adjusting function of at least one of the body side power supply switch portion, the body side zooming adjusting portion, the body side focusing adjusting portion, and the body side image adjusting portion.

(59.) A projection display device controllable by a remote controller, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a power supply switch restricting system for restricting a function of the power supply switch portion of the remote controller which causes a power supply to be turned on/off.

(60.) A projection display device controllable by a remote controller, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens;

a focusing adjusting portion for performing focusing adjustments on the projection lens; and

a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or for restricting a function of the focusing adjusting portion.

(61.) A projection display device controllable by a remote controller, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the projection display device comprising:

an image adjusting function restricting system for restricting a function of the image adjusting portion of the remote controller for adjusting the optical image.



62. A remote controller for controlling a body of a projection display device, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a power supply switch portion for turning on/off a power supply of the projection display device; and

a power supply switch restricting system for restricting a function of the power supply switch portion.

63. A remote controller for controlling a body of a projection display device, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

a zooming adjusting portion for performing zooming adjustments on the projection lens, a focusing adjusting portion for performing focusing adjustments on the projection lens, and a zooming/focusing adjusting function restricting system for restricting a function of the zooming adjusting portion and/or a function of the focusing adjusting portion.

64. A remote controller for controlling a body of a projection display device, the projection display device including a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the remote controller comprising:

an image adjusting portion for adjusting the optical image; and

an image adjusting function restricting system for restricting a function of the image adjusting portion.

65. A remote controller for controlling a body of a projection display device, the projection display device comprising a light source, a digital micromirror device for forming an optical image in accordance with image information as a result of optically processing light beams emitted from the light source, and a projection lens for projecting the optical image in enlarged form, the body of the projection display device comprising:



a body side power supply switch portion for turning on/off a power supply of the body of the projection display device;

a body side zooming adjusting portion for performing zooming adjustments on the projection lens;

a body side focusing adjusting portion for performing focusing adjustments on the projection lens; and

a body side image adjusting portion for adjusting the optical image, the remote controller comprising a body side adjusting function restricting system for restricting the adjusting function of at least one of the body side power supply switch portion, the body side zooming adjusting portion, the body side focusing adjusting portion, and the body side image adjusting portion.

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